

0050/49308

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We claim:

Subst. C1 7 1. A process for producing foamed polyisocyanate polyaddition products or polyurethane elastomers by reacting isocyanates with compounds which are reactive toward isocyanates in the presence of catalysts, blowing agents, additives and/or auxiliaries, wherein the reaction is carried out in the presence of (ii) at least one organic or inorganic acid anhydride.

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B¹ 2 A process as claimed in claim 1, wherein the acid anhydrides (ii) are used in an amount of from 0.01 to 20% by weight, based on the total weight of the acid anhydrides and the isocyanates used.

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3. A process as claimed in claim 1, wherein a mixture comprising (i) at least one isocyanate and (ii) at least one organic and/or inorganic acid anhydride is used.

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Subst A2 > 4. A polyisocyanate polyaddition product obtainable by a process as claimed in claim 1.

25 5. The use of acid anhydrides in polyisocyanate polyaddition products for stabilizing the polyisocyanate polyaddition products, in particular polyurethanes, against cleavage of the urethane and/or urea bond.

A 30 6. The use of acid anhydrides in polyisocyanate polyaddition products for reacting with amino groups in the polyisocyanate polyaddition products.

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